Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

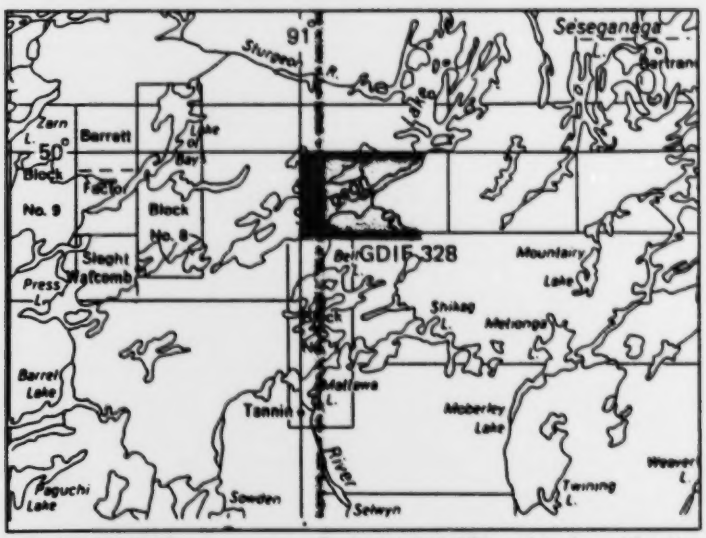
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 328

SIXMILE LAKE AREA

DISTRICTS OF KENORA
AND THUNDER BAY

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

87-00338/

NTS Number 52 G/15 NW

Mining Claim Map Number G-2561

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986: Sixmile Lake Area, Districts of Kenora and Thunder Bay; Ontario Geological Survey, Geological Data Inventory Folio 328, compiled by the staff of the Resident Geologist's Office, Sioux Lookout, 44 pages and 6 maps.

Original Compilation by: M. Sawtelle, C. Proctor, A. Gasparetto

Date	Page Revised	Revised by

Date	Page Revised	Revised by

SIXMILE LAKE AREA

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Map Scale 1 inch to ½ mile or 1: 31 680

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	CJP
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 Volumes	Yes	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	CJP
6	ODM Industrial Mineral Reports	No	CJP
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	CJP
9	Newspaper Clippings File	Yes	CJP
10	GSC Index to Publications	No	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	CJP
12	OGS Index Maps	Yes	CJP
13	Source Mineral Deposit Records (O.G.S.)	Yes	CJP
14	Author - Subject Articles File	No	CJP
15	Miscellaneous Papers: ODM & OGS	Yes	CJP
16	ODM Geological Circulars: OGS Study Series	No	CJP
17	ODM Preliminary Reports: ODM Bulletins	No	CJP
18	ODM – OGS Open File Reports	Yes	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	CJP
20	OGS Aggregate Resources Inventory Papers	No	CJP
21	OGS Mineral Potential Maps	Yes	CJP
22	Aerial Photographs filed in Sioux Lookout and Kenora	No	CJP
23	Unpublished Theses	Yes	CJP

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- ▲ fl . . . . . .Fluorite (fluorspar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . .Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . .Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- ▲ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . Manganese
- △ mb. . . . . .Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . .Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . .Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- ▲ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod. . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- ▲ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- ▲ Zn . . . . . .Zinc
- △ zr. . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

SIXMILE LAKE AREA

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Sturgeon Lake Mines	CU,ZN,AG	000807	--	Au,Pb - Minor Falconbridge - N.B.U. ODM Map 670 ODM GR120 pg.22 ODM Map 2284
B	Creek Zone Prospect (Lyon Lake)	ZN,CU,AG	000809	--	Au,Pb - Minor ODM Map 670 ODM Map 2284 (Mattagami Lake Mines)
C	Lyon Lake Prospect	ZN,CU,AG	TB 0357	--	Au,Pb - Minor OGS MP91 p.26 NMI File G/15 ZN2 AFRO 1970 #2 109
D	Canadex (Lyon Lake)	CU,ZN	TB 0354	--	Ag - Minor NMI File 52G/CU3
E	New Santiago Mines Occurrence	U,Th,Fl	00314	--	NB Minor GR 24 p.42-44 OGS 1964 MRC 6, p89-90 OGS 1968
F	Mattabi	ZN,CU,AG,PB	K0011	--	Au - Minor OGS 1980 - MP91 p.26 NMI File 52C/15 ZN1 SMDR File 00806 OGS 1970, AR Vol.80 p.123-124
G	New Santiago Mines (Seaton Island Occurrence)	U,Th	--	MDC #25 p.126-127	P.2427 ODM GR24 p.42,46

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
A	AMAX EXPLORATION INC (52J/02SE-0037-B1)	69							69											
B	CONWEST EXPLORATION L SELCO INC (52J/02SE-0044)								71	71										
C	GAUTHIER MINING GROUP L (52J/03SE-0011)								70	70										
D	CRESUS MINING L (52J/03SE-0015-A1)											70	70							
E	SELCO EXPLORATION C L (52G/15SE-0015)									71										
F	GREEN POINT MINES L (52G/15NE-0018-A1)								70	70										
G	SELCO EXPLORATION C L (52G/15NE-0019-B1)								71											
H	KENNCO EXPLORATIONS (CANADA) LIMITED (52G/15NE-0020-A1)											70	70							
I	GREEN POINT MINES L (52G/15NE-0024)	71										71	71							

GDIF FORM NO. 2

SIXMILE LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
J	NORLEX MINES LIMITED (52G/15SE-0019)							75												
K	CANADIAN JAVELIN LIMITED (52G/15SE-0020)	69							69	69										
L	NORLEX MINES LIMITED CANEX AERIAL EXPLORATION (52G/15NE-0021)											72	72							
M	GREEN POINT MINES LIMITED (52G/15NE-0021-B1)							72												
N	NORANDA EXPLORATION C L (52G/15NE-0025)	75										75	75							
O	CRESUS MINING LIMITED (52G/14 NE-2)											72	72							
P	CALMOR IRON BAY MINES SELCO INC (52G/15SE-0015) (52G/15NE-0019-B1)								72											
Q	MATTAGAMI LAKE MINES L (52G/15SW-0012)											71	71							
R	MATTAGAMI LAKE MINES L (52G/15NW-1)				75															

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																					
S	RIO TINTO CANADIAN EXPL (52G/15NW-2)											74	74								
T	MATTAGAMI LAKE MINES L (52G/15SE-22)											70	70								
U	AMALGAMATED BEA-BELLE MS (52G/15NW-3)							70													
V	AMAX EXPLORATION INC (52G/15NW-4)	73																			
W	AMAX EXPLORATION INC (52G/15NW-5)				71																
X	AMAX EXPLORATION INC (52G/15NW-6)											70	70								
Y	AMAX EXPLORATION INC (52G/15NW-7)												73								
Z	AMAX EXPLORATION INC (52G/15NW-8)		70																		
AA	BISON PETROLEUM MINERALS (52G/15NW-9)				70	70						70	70								
AB	BORDON MINING (QUEBEC) L (52G/15NW-10)											70	70								

GDIF FORM NO. 2

SIXMILE LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																					
AC	BORDON MINING (QUEBEC) L (52G/15NW-11)												71								
AD	SELCO EXPLORATION CALMOR IRON BAY MINES (52G/15NW-0011-A1)				71																
AE	CANADEX MINING CORP (52G/15NW-12)							69				69	69								
AF	CANADEX MINING CORP (52G/15NW-13)				70																
AG	CANADEX MINING CORP (52G/15NW-14)							74													
AH	CANADEX MINING CORP (52G/15NW-15)				74																
AI	CANADIAN JAVELIN L (52G/15NW-16)											70	70								
AJ	CANADIAN JAVELIN L (52G/15NW-17)				70																
AK	CANEX AERIAL EXPLORATION (52G/15NW-18)	72										72	72								

GDIF FORM NO. 3

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
AL	CANEX AERIAL EXPLORATION (52G/15NW-19)				72															
AM	CANEX AERIAL EXPLORATION (52G/15NW-20)	72											72							
AN	CANEX AERIAL EXPLORATION (52G/15NW-21)				72															
AO	CONSOLIDATED RED POPLAR AND GREEN POINT MS L (52G/15NW-22)								70	70										
AP	CONWEST EXPLORATION C L SELCO INC (52G/15NW-23)									71										
AQ	CONWEST EXPLORATION C L SELCO INC (52G/15NW-24)								71	71										
AR	CONWEST EXPLORATION C L SELCO INC (52G/15NW-25)				71															
AS	CONWEST EXPLORATION C L (52G/15NW-26)	70																		

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
AT	D'ARAGON MINES LIMITED (52G/15NW-27)											70	70							
AU	D'ARAGON MINES LIMITED (52G/15NW-28)				71															
AV	DOME EXPLORATION (CANADA) LIMITED (52G/15NW-29)											71	71							
AW	DOME EXPLORATION (CANADA) LIMITED (52G/15NW-30)								71											
AX	DUCHARME, J. P. (52G/15NW-31)											74	74							
AY	FALCONBRIDGE NICKEL MS L (52G/15NW-32)											70	70							
AZ	FALCONBRIDGE NICKEL MS L (52G/15NW-33)				71															
BA	FALCONBRIDGE NICKEL MS L (52G/15NW-34)				73															
BB	FALCONBRIDGE NICKEL MS L (52G/15NW-35)				73															

10 SIXMILE LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																					
BC	FALCONBRIDGE NICKEL MS L (52G/15NW-36)				74																
BD	GIBSON, R. A. (LYTLE, J. K.) (52G/15NW-37)											74	74								
BE	GRANGES EXPLORATION AB (52G/15NW-38)												71								
BF	GRANGES EXPLORATION AB (52G/15NW-39)				72																
BG	REDDEN, J. W. (52G/15NW-46)							85													
BH	GREEN POINT MINES L (52G/15NW-40)				71																
BI	HYDRA EXPLORATION L (52G/15NW-41)											70									
BJ	KENNCO EXPLORATION (52G/15NW-42)											70	70								
BK	KENNCO EXPLORATION (CANADA) LIMITED (52G/15NW-43)				70																

GDIF FORM NO. 2

SIXMILE LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
BL	KIDD, ROSS (52G/15NW-44)								69	69										
BM	MATTAGAMI LAKE MINES L (52G/15NW-45)											70	70							
BN	MATTAGAMI LAKE MINES L (52G/15NW-47)				71															
BO	MATTAGAMI LAKE MINES L (52G/15NW-48)				70															
BP	MATTAGAMI LAKE MINES L (52G/15NW-49)				69															
BQ	MATTAGAMI LAKE MINES L (52G/15NW-50)				70															
BR	MATTAGAMI LAKE MINES L (52G/15NW-51)											70	70							
BS	MATTAGAMI LAKE MINES L (52G/15NW-52)				70															
BT	NEW DIMENSION RESOURCES (52G/15NW-53)							71												
BU	JALNA RESOURCES (52G/15NW-116)								85	85										

GDIF FORM NO. 2

TYPE OF WORK	Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
BV NORLEX MINES L (52G/15NW-55)							70												
BW NORLEX MINES L (52G/15NW-56)							69												
BX NORLEX MINES L (52G/15NW-57)											69	69							
BY NORLEX MINES L (52G/15NW-58)					70														
BZ NORLEX MINES L (52G/15NW-59)				70			70												
CA NORTHEX MANAGEMENT L (52G/15NW-60)												72							
CB NORTHEX MANAGEMENT L (52G/15NW-61												72							
CC RIO TINTO CANADIAN EXPL L (52G/15NW-62)											71	71							
CD RIO TINTO CANADIAN EXPL L (52G/15NW-63)											70	70							
CE RIO TINTO CANADIAN EXPL L (52G/15NW-64)				70															

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
CF	RIO TINTO CANADIAN EXPL L (52G/15NW-65)											71								
CG	RIO TINTO CANADIAN EXPL L (52G/15NW-66)				72															
CH	RIO TINTO CANADIAN EXPL L (52G/15NW-67)		72									72	72							
CI	RIO TINTO CANADIAN EXPL L (52G/15NW-68)				72															
CJ	RIO TINTO CANADIAN EXPL L (52G/15NW-69)	70										70	70							
CK	SANTA MARIA MINES L (52G/15NW-70)	73										73								
CL	SANTA MARIA MINES L (52G/15NW-71)							73												
CM	SELCO EXPLORATION C L (CALMOR IRON BAY MINES) (52G/15NW-72)				71															
CN	SILVERMAQUE MINING L (52G/15NW-73)							71												

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
CO	SPOONER MINES & OILS L (52G/15NW-74)							70	70	70										
CP	STURDY MINES L & TEXMONT (52G/15NW-75)							81												
CQ	STURDY MINES L & TEXMONT (52G/15NW-76)											70	70							
CR	STURDY MINES L & TEXMONT (52G/15NW-77)								71	71										
CS	STURDY MINES L & TEXMONT (52G/15NW-78)											72	72							
CT	STURDY MINES L & TEXMONT (52G/15NW-79)				72															
CU	WAHL, W. G. LIMITED (52G/15NW-80											68								
CV	WAHL, W. G. LIMITED (52G/15NW-81)				69	69														
CW	WAHL, W. G. LIMITED (52G/15NW-82)				70															
CX	WESTFIELD MINERALS L (52G/15NW-83)											73	73							

GDIF FORM NO. 2

SIXMILE LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
CY	DUCHARME, J. P. (52G/15NW-84)				73															
CZ	AMAX EXPLORATIONS INC (52G/15NW-85				74	74														
DA	CHIPMAN LAKE MINES L (52J/02SW-08)											71	71							
DB	CONWEST EXPLORATION C L (52J/02SW-10)											71	71							
DC	DOME EXPLORATION (CANADA) LIMITED (52J/02SW-11)											71	71							
DD	RIO TINTO CANADIAN EXPL L (52G/15NW-86)				75															
DE	DAREX LIMITED (52G/15NW-87)														75					
DF	NORLEX MINES LIMITED (52G/15NW-88)							75												
DG	NORLEX MINES LIMITED (52G/15NW-89)				75	75														

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
DH	NORANDA EXPLORATION C L (52G/15NW-90)											76	76							
DI	CANADEX MINING CORP L (52G/15NW-91)				75															
DJ	FALCONBRIDGE NICKEL C L (52G/15NW-92)				78															
DK	NORANDA EXPLORATION C L (52G/15NW-93)				78	78														
DL	NORANDA EXPLORATION C L (52G/15NW-94)											77	77							
DM	NORANDA EXPLORATION C L (52G/15NW-95)											77	77							
DN	NORANDA EXPLORATION C L (52G/15NW-97)											78	78							
DO	MATTAGAMI LAKE MINES (52G/15NW-97)				70															
DP	FALCONBRIDGE NICKEL MS L (52G/15NW-98)				78															
DQ	NORANDA EXPLORATION C L (52G/15NW-99)				79															

GDIF FORM NO.

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																					
DR	NORANDA EXPLORATION C L 52G/15NW-100)				78																
DS	NORANDA EXPLORATION C L (52G/15NW-101)				78																
DT	NORANDA EXPLORATION C L (52G/15NW-102)	78																			
DU	CANADEX MINING CORP L (52G/15NW-103)							81													
DV	MATTAGAMI LAKE EXPLORATION (52G/15NW-104)				81																
DW	MATTAGAMI LAKE EXPLORATION (52G/15NW-105)												80								
DX	MATTAGAMI LAKE EXPLORATION (52G/15NW-106)				81																
DY	MATTAGAMI LAKE EXPLORATION (52G/15NW-107)				82																
DZ	MATTAGAMI LAKE EXPLORATION (52G/15NW-108)														80		80				

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
EA	CUNNINGHAM, L. J. (52G/15NW-109)			83																
EB	CANADEX PLAYFAIR JOINT VENTURE (52G/15NW-110)			83																
EC	REDDEN, J. W. (52G/15NW-111)							85 Prop Rpt.												
ED	CANADEX RESOURCES PLAYFAIR RESOURCES SANTA MARIA RESOURCES SWANSEA GOLD MS INC (52G/15NW-112)							83												
EE	MATTAGAMI LAKE MS L (52G/15NE-72)				74															
EF	TERRAQUEST LIMITED (52G/15NW-113)								85	85										
EG	REDDEN, J. W. (52G/15NW-114)						85													
EH	WASABI RESOURCES LIMITED (52J/02SW-81)												84							

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; eg. 68 for 1968 | | |

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Mattagami Lake Mines	SL55-73-4	1973	180	-55	40	764	--	--
2		SL55-73-2	1973	180	-55	38	585	--	--
3		SL55-73-3	1973	180	-55	46	447	--	--
4		SL55-73-5	1973	180	-55	146	780	--	--
5		SL55-74-16	1974	180	-50	94	1087	--	--
6		SL55-74-17	1974	180	-60	92	1771.0	--	--
7	Amax Exploration	S-1-71	1971	180	-50	132	402	py,gr	--
8		S-2-71	1971	180	-50	56	302	po,py,gr	--
9		S4-71	1971	180	-50	13	401	py,cp,gr,po	--
10		S3-71	1971	180	-50	45	500	py,po,cp	--
11		S5-71	1971	50N	-50	75	406	py,po	--
12	Bison Petroleum & Minerals	Bi 1	1970	220	-45	4	529	py,po	--
13		Bi 2	1970	220	45	90	511	py,po	--
14		Bi 3	1970	220	45	6	600	fe	--
15		Bi 4	1970	220	55	25	350	py,po	--
16		Bi 5	1970	180	55	10	547	py,po	--
17		Bi 6	1970	220	55	12	452	py,po	--

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled COMPLETED	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
18	Canadex Mines Limited	70-1	1970	S30W	-50	64	605	py,po	--
19		70-2	1970	S30W	-50	33	557.5	py,po	--
20		70-4	1970	S30W	45	37	666	py,po	--
21		70-5	1970	S25W	-50	170	554	py	--
22		70-6	1970	180	50	61	532	py,po	--
23		74-4	1974	180	-55	22.0	608	py,po,cp	--
24	Canadian Javelin Ltd	JA-1	1970	220	-55	8	95	--	--
25		JA-2	1970	220	55	45	307	py,po	--
26	Canex Aerial Expl L	SL2-2	1972	180	45	14	481	py,po	--
27		SL2-1	1972	180	45	26	504	py,po	--
28		SL1-1	1972	180	45	76	472	py,gf,po,cp, mag	--
29		DA-1	1972	180	50	20	325	py,po,gf,cp sph	--
30		DA-2a	1972	180	45	--	68	hole lost underground stream	--
31		DA-2b	1972	180	55	74	552	py,po,cp,gf, mag	--
32	Conwest Exploration Company Limited	H-1	1971	203	-45	22	128	py,po	--

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
33	D'Aragon Mines Limited	1	1971	S48W	50	11	466	py,po	--
34		2	1971	S35W	50	76	257	py,po	--
35		5	1971	N35E	50	67	367	cp,po,py,gf	--
36		3	1971	180	45	45	587	gf,cp,py,po	--
37		4	1971	S20W	50	11	307	py,cal,gf	--
38	Falconbridge Nickel Mines Limited	S-3-70	1970	180	-60	131	501	--	--
39		S-4-70	1970	180	-60	37	510	--	--
40		S-1-70	1970	180	-50	--	220	Abandoned, broken casing	--
41		S-2-70	1970	180	-60	127	519	--	--
42		S-5-70	1970	180	-50	108	488.5	--	--
43		S-6-7	1970	180	-45	54	678	--	--
44		S-7-71	1971	180	-45	62	562	--	--
45		S-8-71	1971	180	-45	32	662	--	--
46		S-9-71	1971	159	-45	36	642	--	--
47		S-10-71	1971	159	-50	253	--	Hole Abandoned	--
48		S-11-71	1971	159	-50	75	669	--	--

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
49		645-13-73	1975	339	-62	170	616	py,po	--
50		645-15-73	1973	159E	-60	165	647	--	--
51		645-16-73	1973	159	-70	267	269	--	--
52		645-17-73	1973	159	-60	332	751	py	--
53		645-18-73	1973	159	-60	202	677	--	--
54		645-12-73	1973	339	-60	160	681	py	--
55		645-19-74	1973	159	-70	107	757	po	--
56		645-20-74	1974	159	60	82	656	py	--
57		645-21-74	1974	159	-60	354	708	po	--
58		645-23-74	1974	159	60	60	491	py,gf	--
59		645-24-74	1974	180	-50	70	846	py,po	--
60		SL55-6-74	1974	180	55	86	861	py	--
61		SL55-15-74	1974	N180	-50	16	866	--	--
62		J-4	1974	180	-56	6	292	py,qtz	--
63		J-7	1974	180	-40	6	316	mag,chl,py	--
64	Granges Exploration C	SPO-9	1972	23W	-65	115	345	py,sph	--
65		SPO-10	1972	23W	-65	170	355	py,gf	--

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Length of Overburden Feet	Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
66	Granges Expl. Company	SPO-11	1972	6°W	-65°	52	287	gf,py	--
67		SPO-12	1972	8°W	-65°	97	337	qtz,py	--
68		SPO-13	1972	40°W	-65°	87	276	py,qtz	--
69	Green Point Mines Ltd.	1	1971	180°	-45°	3.5	286	mag,qtz,py,cp	--
70		2	1971	180°	-45°	2	377	py,cp,mag	--
71		3	1971	180°	-45°	10	128	py,qtz,cp	--
72		4	1971	157°	-45°	7	406	py,qtz	--
73		5	1971	180°	-45°	7	112	py,cp	--
74		5A	1971	180°	-45°	13	403	py,po,cp	--
75	Kennco Expl.(Canada)Ltd	C1	1970	Grid North	45°	19	524	py,cp	--
76		C2	1970	Grid South	45°	6	479	po,cp,py	--
77		A1	1970	Grid South	45°	43	432	po,qtz,cp	--
78		B1	1970	Grid South	45°	42	305	po,cp,cu,gf	--
79		B2	1970	Grid South	45°	48	213	py,po,cp	--
80		F1	1970	Grid South	45°	30	328	py	--

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
93	Mattagami Lake Ms L	SL23-69-1	1969	225	-45	80	810	po,py,cp	--
94		SL23-71-20	1971	015	-50	42	1175	po,py,sph	--
		SL23-71-24	1971	195	-50	56	1304	py,po	--
96		SL23-71-19	1971	015	-50	58	618	py,po,mag,sph	--
		SL23-71-18	1971	195	-50	80	405	py,zn,sph,cu, cp,po	--
98		SL23-71-17	1971	015	-45	62	972	py,po	--
99		SL23-71-16	1971	195	-50	74	384	py,sph,cp	--
		SL23-71-15	1971	195	-50	62	350	py,cp,sph,zn, cu	--
		SL23-70-9	1970	--	-50	100	723	ga,po,py	--
		SL23-71-10	1970	--	-50	94	566	ga,py	--
100		SL23-71-14	1971	195	-45	62	752	py,po,mag	--
		SL23-71-13	1971	195	-50	114	406	--	--
		SL23-70-12	1970	--	-50	114	408	--	--
		SL23-70-11	1970	--	-50	90	490	py	--
101		SL27-70-1	1970	N33W	46	26	403	py,po,sph	--
102		SL27-70-2	1970	N33W	44	24	612	py,po	--
103	Norlex Mines Limited	NX-1	1970	220 mag	50	38	485	py,po	--
104		NX-2	1970	220	50	65	hole lost in overburden	gf,qtz,py	--

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
104	Norlex Mines Limited	NX-3	1970	220	60	60	524	py,po,qtz	--
105		NX-4	1970	220	50	89	584	py,po	--
106		NX-5	1970	220	50	75	617.5	py,po	--
107		NX-6	1970	220	55	8	447	py,po	--
108	Rio Tinto Canadian Exploration Limited	A-1	1970	340	-50	7.3	403.5	py	--
		A-2	1970	340	-58	27.0	502.7	py,qtz,cp	--
109		P-1	1972	340	-55	15	514	py	--
110		P-2	1972	340	-50	16	518.3	py	--
111		P-3	1972	340	-50	32	593.4	py,cp,po	--
112		P-4	1972	340	-50	12	588	py,po	--
113		B1	1972	340	-50	15	537	py,cp	--
114		B2	1972	340	-50	15	500	qtz,py,and	--
115		B3	1972	340	-50	66	509.5	qtz,py,cp	--
116		B4	1972	340	-50	12	489	py,cp,po	--
117		B5	1972	340	-50	10	447	py,po,cp,qtz	--
118	Selco Exploration Company Limited	H8	1972	215	-45	28	244	py,cp,po,sph	--
119		H9	1972	210	-60	15	332	cp,po,py	--
120		H10	1972	210	-60	81	385	py,po,cp	--

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
121	Selco Exploration Company Limited	H2	1972	210	-45	23.5	135.5	py,po,cp	--
122		H4B	1971	210	-50	5	103	py,po,cp	--
123		4HA	1971	210	-50	8	132	py,po,cp	--
124	Texmont Mines Limited	TS72-1	1972	315	-45	23	415	py,po,cp,mag	--
125		TS72-3	1972	315	-45	2.0	300	py,mag	--
126		TS72-4	1972	315	-45	46	425	py,cp	--
127	Wahl Limited, W. G.	69-1	1969	90	40	10	671	mag,qtz,py,cp	--
128		69-2	1969	90	40	10	1702	cp,hem,py	--
129		69-3	1969	335	45	54	376	py,mag	--
		69-4	1969	155	45	80	992	cal,qtz,py	Au
130		69-5	1969	325	45	24	595	peg,py,fl	Au
131		242-22	1970	337	45	35	754	and,qtz,py,sph	--
		242-23	1970	157	45	39	701	py,sph,po	--
132	Ducharme, J. P. (Santa Maria Mines)	1	1973	280	45	19	101	py	--
133		2	1973	230	45	30	101	py,qtz	--
134	Amax Exploration Inc	S74-6	1974	South	-50	16	392	qtz,py,po	--
135		S74-7	1974	South	-50	64	402.6	py,po,qtz	--
136		S74-8	1974	South	-50	20	408	py,po	--

GOIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
137	Amax Exploration Inc	S74-9	1974	South	-50	107	107	hole lost	--
138		S75-10	1975	180	-52	84	599	py,po	--
139		S75-11	1975	180	-50	28	41	hole lost	--
		S75-12	1975	180	-50	26	605	qtz,po,cp,py	--
140	Rio Tinto Canadian Expl	SL-1	1975	225	-45	27	354	py,po	--
141		SL-2	1975	255	-45	36	640	py,po,cp,qtz	--
142	Norlex Mines Limited	NX-7	1975	217	-45	73	512	py,cp,po,qtz	--
143		NX-8	1975	220	-45	196	202	hole abandoned	--
144		NX-9	1975	040	-45	18	572	py,po,cp,mo	--
145		NX-10	1975	220	-45	68	665	py,qtz,po	--
146		NX-11	1975	220	-45	68	407	cp,po	--
147		NX-12	1975	220	-45	84	328	po,py	--
148		NX-13	1975	220	-45	102	337	py,qtz	--
149		NX-14	1975	220	-60	114	480	py,po	--
150	Canadex Mining Corp L	75-1	1975	250	-50	14	440	py,po	--
151	Falconbridge Nickel C L	BR78-9	1978	171S	-60	70	1401	py,qtz,mag	--
152	Noranda Exploration C L	PL1-78	1978	215	50	18	298	py,po,qtz	--
153	Mattagami Lake Ms L	SL15-70-1	1970	South	-45	126	1060	qtz,mag,fels	--

GDIF FORM NO. 3

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Length of Overburden Feet	Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
		SL15 -70-2	1970	South	-45°	76	1625	py,rhy,fels	--
		SL15 -72-32	1972	170°	-70°	64	765	py,qtz,rhy, mag	--
		SL15 -72-38	1972	South	-70°	64	1641	and,rhy,gf,py cal,po,shp,cp	--
		SL15 -73-40	1973	170°	-60°	200		qtz,mag,bi,py, po	--
		SL15 -73-42	1973	170°	-60°	74	777	rhy,fels,py	--
		SL15 -73-44	1973	170°	-60°	60	747	py,po,cp,sph, qtz	--
		SL15 -73-55	1973	170°	-60°	68	1223	and,py,gr,qtz, po	--
		SL15 -74-61W	1974	Grid South	-75°	78	475	py	--
		SL15 -74-61	1974	Grid South	-75°	204	2916	py,sph,gf,po	--
154	Falconbridge Nickel Mines Limited	BR78-10	1978	South	-60°	172	1248	chl,mag,py	--
155	Noranda Mines Limited	SL55 -79-19	1979	Grid South	-60°	16	667	chl,py	--

GDIE FORM NO. 1

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Length of Overburden Feet	Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
156		SL55 -79-20	1979	Grid South	-60°	50	587	py,cp,po	--
157		LL2-78	1978	220°	60°	44	304	py,po,qtz,gf, cp	--
158		LL3-78	1978	220°	50°	38	307	py,gf,po	--
159		SL1-78	1978	180°	60°	25.9m	92.35m	py,gf	--
160		SL2-78	1978	180°	60°	27.43m	121m	py	--
161	Mattagami Lake Mines	C-81-1	1981	210°	-60°	14.0	477	py,po,sph	--
162		SL81-1	1981	195°	-50°	170.0	652	py,po	--
163		SL81-2	1981	180°	-50°	26	865	py,po	--
164		SL81-3	1981	180°	-50°	64	527	py,po,cp,mag	--
165		C-81-2	1981	270°	-45°	20	607	po,cp,py	--
166		C-81-3	1981	270°	-51°	36	497	py,po	--
167		SL82-4	1982	180°	-50°	100	377	py,po	--
168		SL82-5	1982	180°	-50°	70	497	py,po	--
169		C-81-4	1981	220°	-50°	20	572	py,gf,po,cp	--
170		C-81-5	1981	Grid South	-50°	192	547	py,po,gf	--
171		C-81-6	1981	270°	-50°	12	607	py,po	--

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
172	Falconbridge Nickel C L	645-22-74	1974	357	-42	104	491	--	--
173	Texmont Mines Limited	TS72-2	1972	315	-50	60	415	py,po,mag	--
174	Cunningham, L J	85-7A	1985	340	-50	17m	135m	--	--
175		85-9	1985	340	-50	2m	135m	--	--
176		85-10	1985	340	60	4m	227m	--	--
177		85-6	1985	340	60	3m	135m	--	--
178		85-5	1985	340	60	4.5m	120m	--	--
179		85-4	1985	340	60	4m	108m	--	--
180		85-8	1985	340	60	11.5m	219m	py	--
181		85-3	1985	340	60	3m	150m	py	--
182		85-2	1985	340	60	9m	135m	py	--
183		85-1	1985	340	60	7m	135m	py	--

GOIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
AO	By: Seigel Associates L For: Consolidated Red Poplar Limited and Green Point Mines L	Magnetic and Electromagnetic	175'	N30°W	330'
B	By: Questor Surveys L For: Conwest Exploration and Selco Exploration	Magnetic and Electromagnetic	150-400' 150-400'	N/S NW/SE	1/4 mile 1/8 mile
CR	By: Questor Surveys Limited For: Texmont Mines	Magnetic and Electromagnetic	400' 150'	SE/NW SE/NW	1/8 mile 1/8 mile
CO	By: Seigel Associates L For: Spooner Mines & Oils	Magnetic and Electromagnetic	150'	N/S	400'
E	By: Questor Surveys L For: Alex Mosher	Electromagnetic	400' (Bird 150')	SW/NE	1/8 mile
BL	By: McPhar Geophysics L For: Ross Kidd	Magnetic and Electromagnetic	450'	N/S	1/8 mile
G	By: Questor Surveys L For: Alex Mosher (Selco)	Magnetic	400'	SW/NE	1/8 mile

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
AW	By: Geoterrex Limited For: Dome Exploration (Canada) Limited	Magnetic	200'	N/S	1/8 mile
AP	By: Questor Surveys L For: Conwest Explorations	Electromagnetic, Magnetic	150'	SW/NE	1/8 mile
K	By: McPhar Geophysics For: G. N. Miller (Canadian Javelin L)	Electromagnetic, Magnetic	450'	NE/SW	1/8 mile
A	By: Amax/McPhar For: Amax Exploration	Magnetic	--	NS/E/W	1/8-1/4 mile
C	By: Geoterrex For: Gauthier Mining Group	Magnetic and Electromagnetic	--	N/W/SE	1/8 mile
F	By: Siegel Associates For: Green Point Ms L and Consolidated Red Poplar	Magnetic and Electromagnetic	175'	330°	330'
EF	By: Terraquest For: Plaskett, Gordon	Magnetic and Electromagnetic	100m	330°	100m

GDIF FORM NO. 4

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
BU	By: Geotech Limited For: Jalna Resources	Magnetic and Electromagnetic	200'	NW	660'
P	By: Questor Surveys L	Magnetic and Electromagnetic	400'	S	1/8 mile
	For: Selco (Calmor Bay)	Magnetic and Electromagnetic (File #52G/15NE-0019-B1 and 52G/15SE-0015)	400'	S	1/8 mile
	By: Aerodat Limited For: Falconbridge Nickel Ms	Magnetic and Electromagnetic	125'	E/W	660'
	G.S.C. Map 1117G, Bell Lake	Magnetic	1000'	N/S	1/2 mile
AQ	By: For: Conwest Explorations	Electromagnetic (File #52G/15NW-23)	200'	N/S	1/8 mile

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1.	Soil	Cu,Pb,Zn,Ag	Rio Tinto Canadian Exploration Limited	Resident Geologist's Office File Number (52G/15NW-67)
2.	Soil	Cu,Pb,Zn,Ag	"	"
3.	Soil	Cu,Pb,Zn,Ag	"	"
4.	Soil	Cu,Pb,Zn,Ag	"	"
5.	Soil	Cu,Pb,Zn,Ag	"	"
6.	Soil	Cu,Pb,Zn,Ag	"	"
7.	Soil	Cu,Pb,Zn,Ag	"	"
8.	Soil	Cu,Pb,Zn,Ag	"	"
9.	Soil	Cu,Pb,Zn,Ag	Amax Exploration Inc	(52G/15NW-8)
10.	Soil	Cu,Pb,Zn,Ag	"	"
11.	Soil	Cu,Pb,Zn,Ag	"	"

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. – Sioux Lookout

CANADEX	p.1,2a,6,9
FALCONBRIDGE COPPER	p.1,2,4-6,8-30,32
CANADIAN JAVELIN	p.8
MATTAGAMI-MATTABI	p.2-8,11,15,16,18,23,26,34,35,41,65
NBU MINES	p.2,3,5,8,10-12,16-18,29,32,35,38,42 43,56,51-53,55-57,61,62,64,65,67-68, 72,91
NORANDA	p.4,6,9,13-15,23,28,30,36,37,41,44,45, 48-50,60,66,69,73,76,87,89,96,105,114
NORLEX	p.19,22,31,70,80
SANTA MARIA MINES L	p.6,77,79
SPOONER MINES	p.31
STURDY MINES	p.9

ODM GENERAL INDEX SEARCH

Words searched: Sixmile Lake, Lyon Lake, Seaton Island, Post Lake.

Index Volume	Listing:	Report Volume	Part.	Page
III	Sturgeon Lake Gold Area, Graham A. R.	XXXIX	2	45
I	Geology East of Nivens 4th Base Line	XXXIII	6	20
VI	Nepheline Syenite Deposits	LXIX	8	11,14

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SIXMILE LAKE

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Ayres, L. D. Lumbers, S. B. Milne, V. G. Robeson, D. W.	1970	O.D.M. Geological Map, Airborne Geophysical Surveys, West Central Sheet	Map 2199	1"=16 miles
Barlow, R. B. Wadge, D. R. Dusanowsky j, T. H.	1975	O.D.M. Preliminary Map, Geophysical Series, Bouger Gravity Map, Sturgeon Lake Area, Districts of Thunder Bay and Kenora	P.1050	1"=2 miles 1:126,720
Barlow, R. B.	1975	Magnetic Interpretation of the Southern Part of the Sturgeon Lake Area, Districts of Kenora and Thunder Bay, O.D.M. Open File Report, 66p, 23 figures, 2 tables and 2 maps	OFR 5151	1"=1/4 mile
Barlow, R. B.	1974	Ground Vertical Component Magnetics, Sturgeon Lake Area (Northeastern Part), O.D.M. Preliminary Map	P.923	1"=1/4 mile
Davies, J. C. Pryslak, A. P. Pye, E. G.	1965 1966	O.D.M., Sioux Lookout-Armstrong Sheet, Geological Compilation Series Map	Map 2169	1"=200 miles
Davies, J. C. Pryslak, A. P.	1966	O.D.M. Preliminary Geological Map, District of Kenora and Thunder Bay, Geological Compilation Series, Minnitaki-Sturgeon Lake	P.353	1"=2 miles
G.S.C. (Spartan Air Services Limited)	1959 -1961	Aeromagnetic Series, Geophysics Papers 7122 (1960-61) and 7121 (1960-62), Sioux Lookout Sheet and Armstrong Sheet	52J/4 - 52 J/1	1"=1 mile
Graham, A. R.	1929	Sturgeon Lake Area map to accompany report by A. R. Graham in O.D.M. Annual Report	AR 39 (part 2) Map 39b	1"=2 miles 1:126,720

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Hintzer, J. C.	1977	Geological and Geochemical Study of Lyon Lake Creek and Ore Zones, Sturgeon Lake, Northwestern Ontario	Thesis	
King, H. L.	1974	O.D.M., Preliminary Map, Kenora Data Series, Six Mile Lake Area, Districts of Kenora and Thunder Bay	P.928	1"=1/4 mile
Robertson, James A.	1975	Uranium and Thorium Deposits of Ontario (West Central). Mineral Deposit Series Map, compilation 1973-74, 1980-81	P.2427	1"=16 miles 1:1,013,760
Robertson, James A. Vos, M. A. Springer, J. S.	1976	Mineral Potential Map of Ontario, West Central Sheet, Mineral Deposits Series, compiled 1972, 1973, 1975	P.1098	1"=16 miles 1:1,013,760
Shegeliski, R. J.	1978	Stratigraphy and Geochemistry of Archean Iron Formations in the Sturgeon Lake-Savant Lake Greenstone Terrain, Northwestern Ontario	Thesis	
Springer, Janet S.	1978	Ontario Mineral Potential, Ignace Sheet, O.G.S. Preliminary Map, Mineral Deposits Series, Geology 1978	P.1529	1:250,000
Tanton, T. L.	1939	Kenora Sheet, Geological Series, Ontario Department of Mines	266A	1"=8 miles
Trowell, N. F.	1980	Geology of the Sturgeon Lake Area, Districts of Kenora and Thunder Bay, Open File Report	OFR 5291	
Trowell, N. F.	1981	Sturgeon Narrows, Ontario Geological Survey Map, Precambrian Geology Series	Map 2457	1:50,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
TROWELL, N. F.	1983	Geology of the Sturgeon Lake Area, Ontario Geological Survey	GR 221	--
TROWELL, N. F.	1970	Geology of the Bell Lake-Sturgeon Lake Area	OFR 5051	--
VOS, M. A. ABOLINS, T. SMITH, V.	1982	Industrial Minerals of Northern Ontario, Supplement 1.	OFR 5388	--
TROWELL, N. F.	1972	Geology of Glitter Lake-Sturgeon Lake Area	OFR 5077	--
TROWELL, N. F.	1980	Preliminary Geological Synthesis of the Savant-Crow Lake Metavolcanic-Metasedimentary Belt and its Bearing upon Mineral Exploration	OGS MP 89	--
KUSTRA, C. R.	1976	Annual Report of the Regional and Resident Geologists 1975	OGS MP 64	--
KUSTRA, C. R.	1977	Annual Report of the Regional and Resident Geologists 1976	OGS MP 71	--
KUSTRA, C. R.	1977	Geological Branch, Summary of Field Work 1977	OGS MP 75	--
KUSTRA, C. R.	1978	Annual Report of the Regional and Resident Geologists 1977	OGS MP 78	--
KUSTRA, C. R.	1979	Annual Report of the Regional and Resident Geolgoists 1978	OGS MP 84	--
KUSTRA, C. R.	1980	Annual Report of the Regional and Resident Geologists 1979	OGS MP 91	--

SEYMOUR LAKE AREA

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
KUSTRA, C. R.	1974	Geological Branch, Summary of Field Work	OGS MP 59	--
ROGERS, David	1964	Metionga Lake Area, ODM Geolgoical Report 24	GR 24	--
ZALNIEVIVNAS R. V.	1978	A Study of Four ultra Mafic Intrusive Bodies Found Northof Post Lake, Northwestern Ontario	Thesis	--

GDIF FORM NO. 9

SIXMILE LAKE

NOTES AND ADDENDA

Aerial Photograph Index - No data as of March 1986

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 328

(Map 1 of 6)

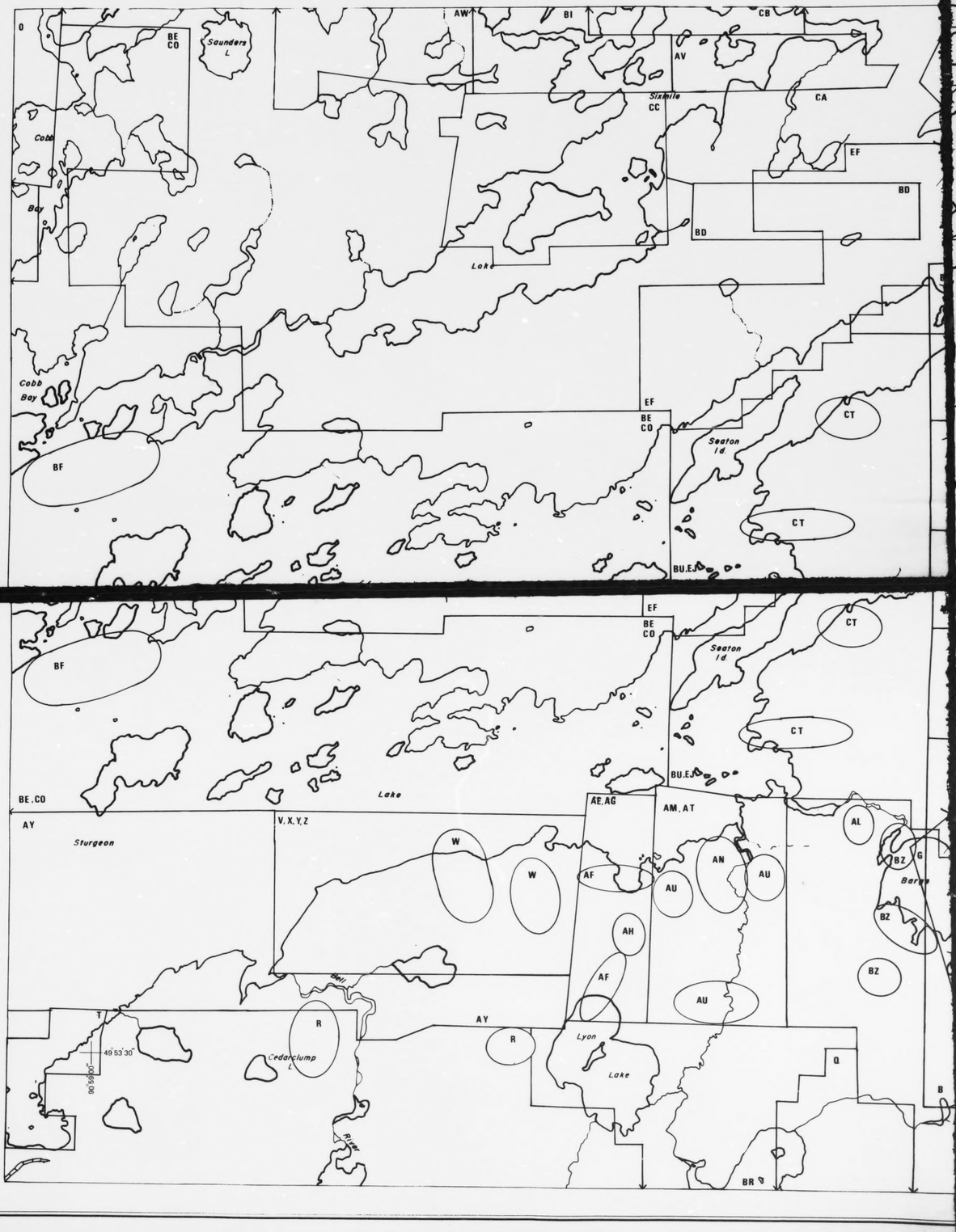
SIXMILE LAKE AREA

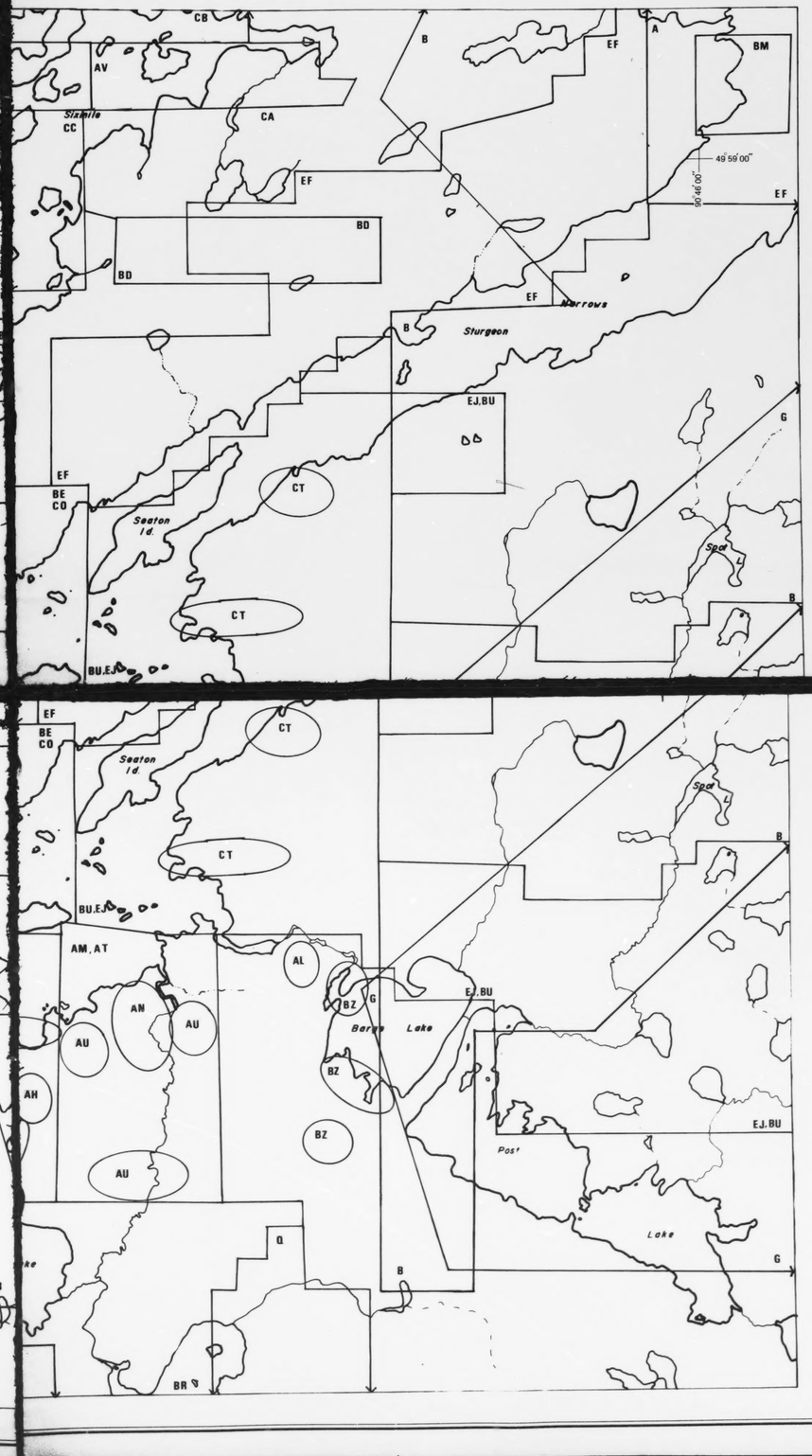
DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile





EXPLORATION DATA FILE AREAS

■ 1 5 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area exploration.

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 328

(Map 2 of 6)

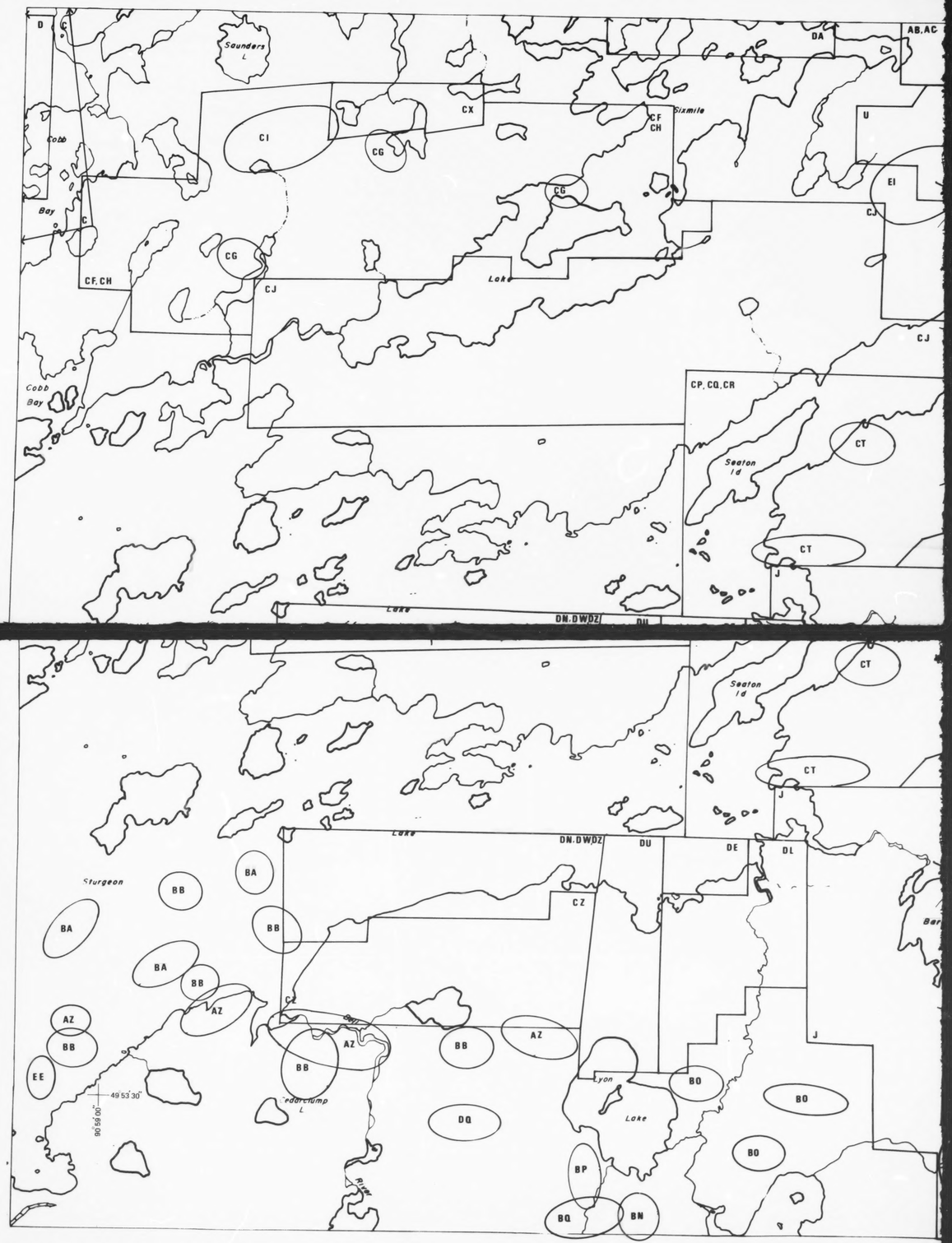
SIXMILE LAKE AREA

DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile


Saunders L
Cobb Bay
Sixmile
Lake
Cobb Bay
Seaton Id
Lake
DN,DWDZ
Sturgeon
Redclump L
Lyon
Lake
Bay
Lake
Barge
Lake
Narrows
Sturgeon
Post
Lake
Spar L
Lake
Lake
Lake
Bay
Lake
Lake
Lake

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 328

(Map 3 of 6)

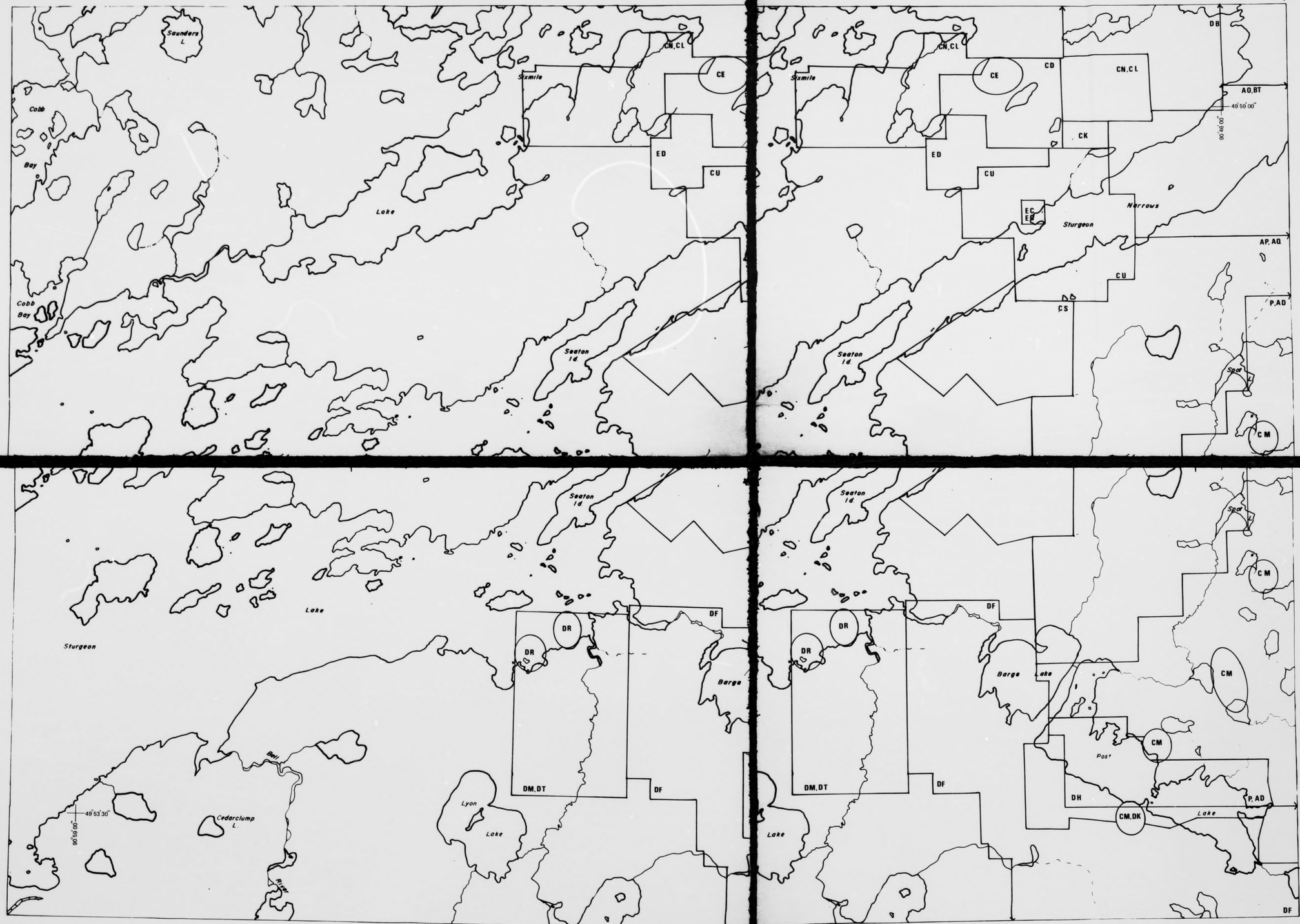
SIXMILE LAKE AREA

DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ /① \⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 328

(Map 4 of 6)

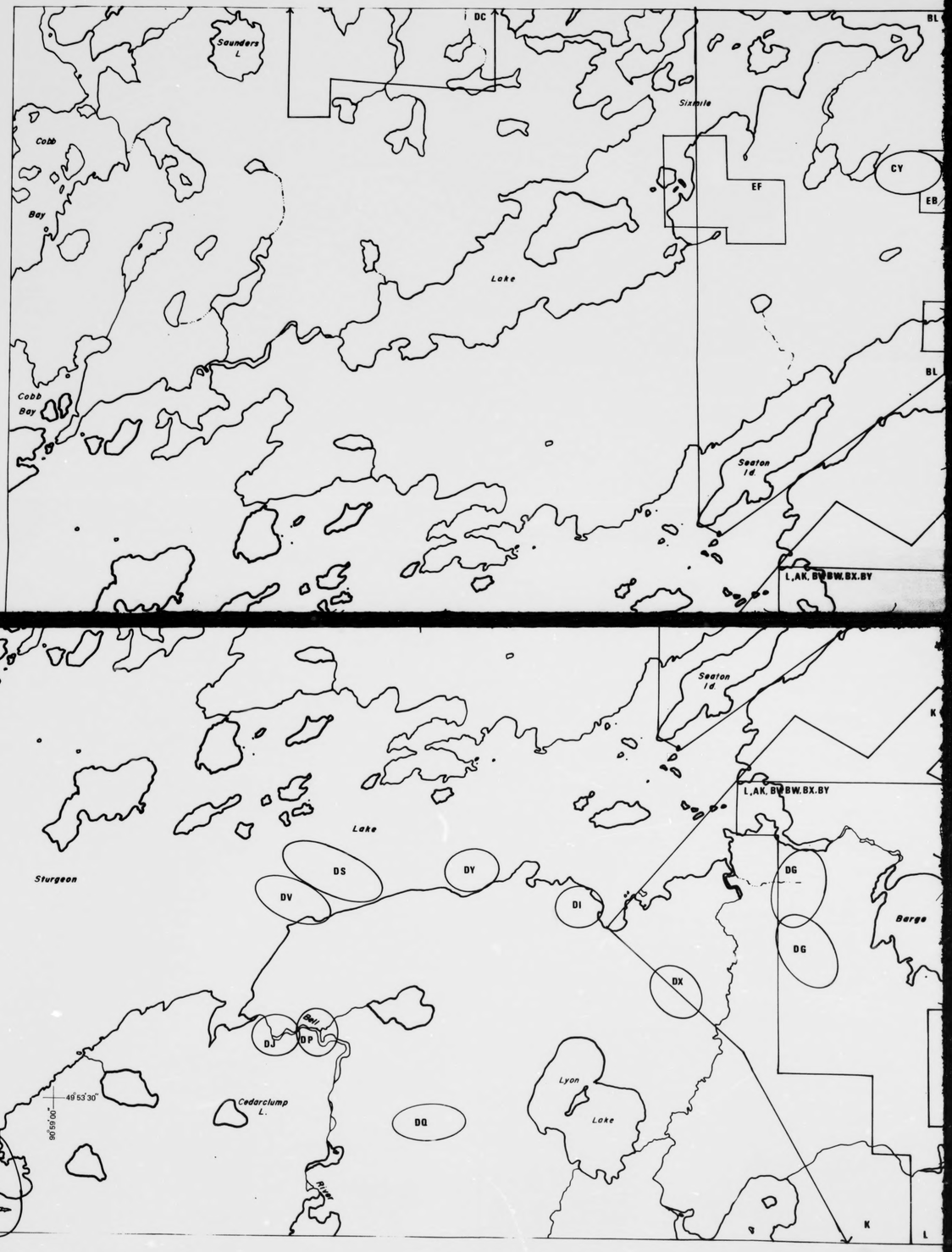
SIXMILE LAKE AREA

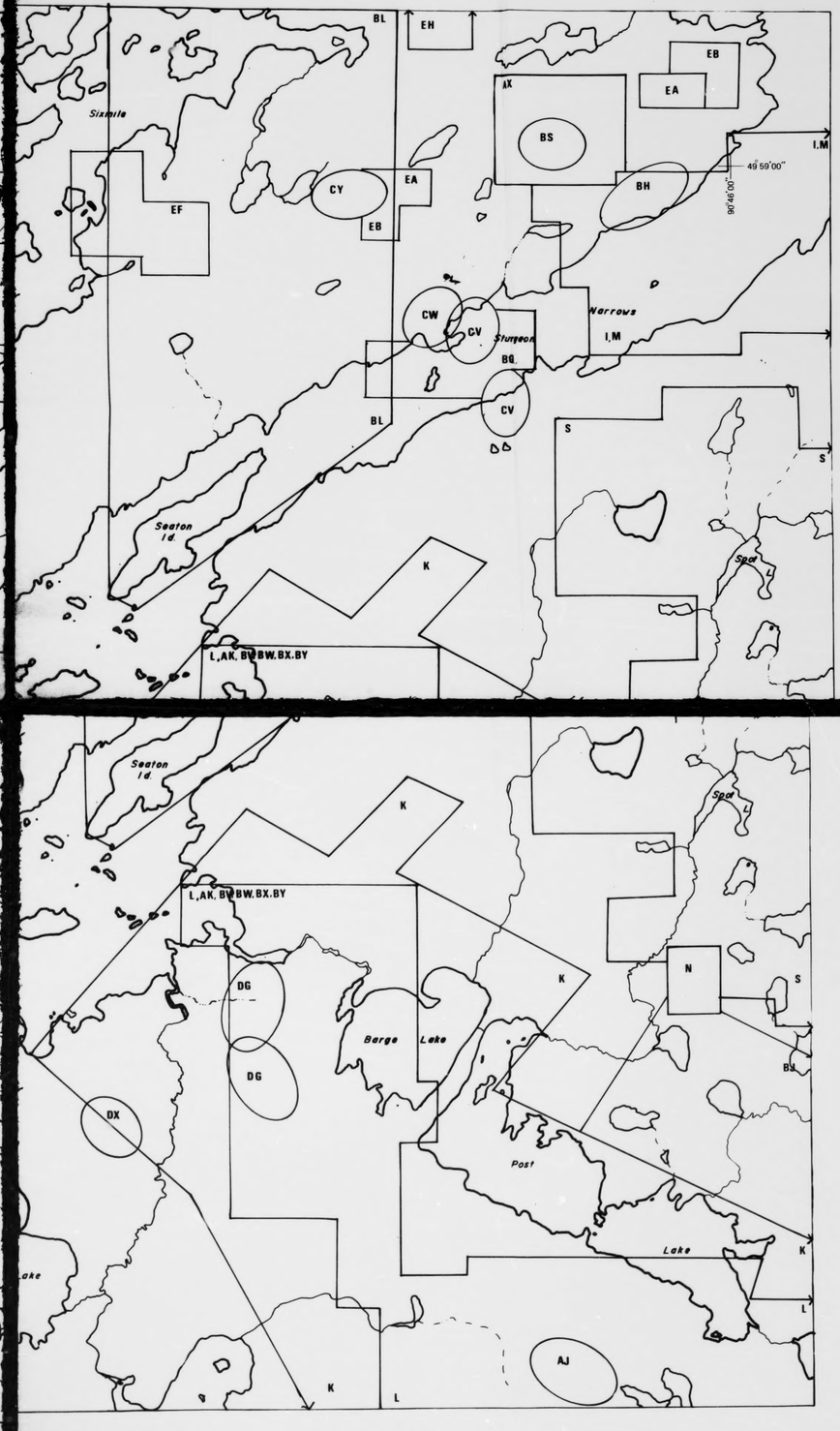
DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile





EXPLORATION DATA FILE AREAS

■ 1 6 Reference number is always inside work area outlined. See listing in text pages.

□ x 4 Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry
- Adit
- Sand and/or gravel pit
- Open pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry
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Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 328

(Map 5 of 6)

SIXMILE LAKE AREA

DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680

Kilometre 0.5 0 0.5 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

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- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
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GDIR 328

TYPES OF DATA SHOWN ON THIS MAP

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- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
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- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
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- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

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- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 328

(Map 6 of 6)

SIXMILE LAKE AREA

DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

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- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

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- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

GDF 6 of 6